50. The computer readable medium of claim 49, wherein the determining step and the downloading steps are performed by a remote procedure call (RPC) subsystem.

51. The computer readable medium of claim 50, wherein the determining step is performed by a Remote Method Invocation (RMI) type of remote procedure call subsystem.

52. The computer readable medium of claim 43, further comprising:

storing the results from the task in a cache if a subsequent task will use the results.

REMARKS

Applicants respectfully request that the Abstract of the Disclosure and the Claims of the instant application be amended as provided herein. Applicants submit that the claims as amended recite a combination not taught or suggested by the prior art.

In view of the foregoing amendments and remarks, Applicants respectfully request the consideration and examination of this application and the timely allowance of the pending claims.

If there is any fee due in connection with the filing of this Preliminary Amendment, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: March 15, 2001

By: _____
Jason E. Gorden
Reg. No. 46,734

LAW OFFICES
FINNEGAN, HENDERSON, FARABOW, GARRETT, & DUNNER, L.L.P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000

MARKED-UP CLAIMS

3. (Amended) A method performed on a processor operatively coupled to a collection of servers which enables a client associated with the processor to dynamically distribute a task to a server, the method comprising the steps of:

selecting a server to process the task;

forming a task request from [the] parameters and data;

sending the task request to the selected server which downloads any needed executable byte code, invokes a generic compute technique capable of executing the task request on the selected server and generates results; and

receiving the results back from the selected server.

9. (Amended) The method of claim 3, wherein [a criteria for selection the server includes] selecting the server comprises selecting the server based on the overall processing load distribution among the collection of [server computers] servers.

11. (Amended) The method of claim 3, wherein [a criteria for selection the server includes] selecting the server comprises selecting the server based on the specialized computing capabilities of each server [computer].

12. (Amended) The method of claim 11, wherein the specialized computing capabilities [includes rendering] include a capability to render images.

17. (Amended) The method of claim 3, wherein the [result is] results comprise an object.

18. (Amended) A method performed on a processor operatively coupled to a collection of servers which enables a server associated with the processor to dynamically receive and process a task from a client computer wherein the task is in an executable programming language compatible with each of the server computers, the method comprising the steps of:

retrieving parameters and data from a task request into a task;

downloading any needed executable byte code;

invoking a generic compute method on the server, which is capable of processing a plurality of types of tasks, which executes the task and generates results; and

returning results to the client.